



ATTACHMENT 3

SPREAD FOOTING DATA TABLES:

Format for the Foundation Report:

Foundation Design Recommendations for Spread Footings^{1,2}

Support Location	Footing Size (ft)		Bottom of Footing Elevation (ft)	Minimum Footing Embedment Depth (ft)	WSD (LRFD Service-I Limit State Load Combination)		LRFD		
	B	L					Service	Strength $\Phi_b = X$	Extreme Event $\Phi_b = 1.00$
					Permissible Gross Contact Stress (ksf)	Allowable Gross Bearing Capacity (ksf)	Permissible Net Contact Stress (ksf)	Factored Gross Nominal Bearing Resistance (ksf)	Factored Gross Nominal Bearing Resistance (ksf)
Abut 1							N/A	N/A	N/A
Bent 2					N/A	N/A			
Abut 3							N/A	N/A	N/A

Notes: 1) Recommendations are based on the foundation geometry and the loads provided by Structure Design in the Foundation Design Data Sheet. The footing contact area is taken as equal to the effective footing area, where applicable.

2) See MTD 4-1 for definitions and applications of the recommended design parameters.



Format for the Contract Plans:

Spread Footing Data Table

Support Location	Working Stress Design (WSD)		Load and Resistance Factor Design (LRFD)		
	Permissible Gross Contact Stress (Settlement) (ksf)	Allowable Gross Bearing Capacity (ksf)	Service Permissible Net Contact Stress (Settlement) (ksf)	Strength Factored Gross Nominal Bearing Resistance $\phi_b = X$ (ksf)	Extreme Event Factored Gross Nominal Bearing Resistance $\phi_b = 1.00$ (ksf)
Abut 1			N/A	N/A	N/A
Bent 2	N/A	N/A			
Abut 3			N/A	N/A	N/A